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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/003,574	10/24/2001	Hannu Kuoksa	33047/240187	5083

826 7590 06/22/2005

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EXAMINER

HENDRICKSON, STUART L

ART UNIT PAPER NUMBER

1754

DATE MAILED: 06/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/003,574

Applicant(s)

KUOKSA, HANNU

Examiner

Stuart Hendrickson

Art Unit

1754

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 8-12, 14, 15 and 26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 8-12, 14, 15, 26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Art Unit: 1754

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action. The RCE filed has been accepted.

Claims 1-6, 8-12, 14, 15 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Baines taken with Mosow and the admissions on pg. 5 of the specification.


Baines teaches in columns 5 and 9 computer control of a causticization process. The computer can monitor any parameter characteristic of the system and send via feedback loop controls to other inputs to achieve a stable reaction system. The differences versus the claims is what variables are monitored. Musow teaches in columns 2 and 4 that each system can have a different variable measured, like titratable alkali or density. Applicant admits that FI '662 teaches the measurement of green density and control of white infeed.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to control the infeeds as in '662 and monitor the density or alkali in the process of Baines because doing so asserts control over the process for monitoring for optimum results. Note that in general, processes can be optimized (In re Boesch 205 USPQ 215). The workings of how the computer makes calculations (claims 8, 12, 14) are deemed conventional as to how computer control programs work- see Baines column 9. Choosing coefficients which accurately model reality is an obvious expedient, to assure efficiency.

Applicant's arguments filed 3/2/05 have been fully considered but they are not persuasive.

Previous arguments and comments are incorporated herein by reference. The density of green liquor is measured. If not acceptable, the amount of white liquor is altered. This is not patentable over the applied art. A translation of '662 should be provided, as this reference appears to teach the steps added in the last amendment and thus is highly pertinent.

Any inquiry concerning this communication should be directed to examiner Hendrickson at telephone number (571) 272-1351.


Stuart Hendrickson
examiner Art Unit 1754